

SEQUENCE LISTING

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Potts, John T.
Kronenberg, H.M.
Shimizu, N.
Carter, P.

<120> Conformationally Constrained Parathyroid Hormones With
Alpha Helix Stabilizers

<130> 0609.515PC00

<160> 52

<170> PatentIn version 3.2

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Asn Phe Val Ala Leu Gly Ala Pro Leu Ala Pro Arg Asp Ala Gly Ser
 35 40 45

Gln Arg Pro Arg Lys Lys Glu Asp Asn Val Leu Val Glu Ser His Glu
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<223> [Aib 1,3, Gln 10]PTH(1 10)amide

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<223> Xaa represents alpha aminoisobutyric acid

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<223> AMIDATION

<400> 35

Xaa Val Xaa Glu Ile Gln Leu Met His Gln

1

5

10

<210> 36

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> [Aib 1,3, Nle 8, Gln 10, Har 11, Ala 12, Trp 14, Arg 19,

Tyr 21]rPTH(1 21)amide radiolabeled with Iodine isotope 125

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<223> Radiolabeled with Iodine isotope 125

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1 5 10 15

Ser Val Arg Arg Tyr
20

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<400> 37

Ala Val Xaa Glu Ile Gln Leu Met His Gln Xaa Ala Lys Trp
1 5 10

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1 5 10

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<400> 39

Ala Val Xaa Glu Ile Gln Leu Met His Gln Xaa Ala Lys Trp
1 5 10

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1 5 10

<210> 43
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1 5 10

<210> 44

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<223> Xaa represents homoarginine

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Xaa Val Xaa Glu Ile Gln Leu Met His Gln Xaa Ala Lys Trp
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<210> 49
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1 5 10

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<213> Artificial Sequence

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1 5 10

<210> 52

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<223> AMIDATION

<400> 52

Xaa Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His
1 5 10